

## GOG600

### PRODUCT DESCRIPTION

GOG600 Oval gear flow meter is a high-precision metering instrument used for continuous or intermittent measurement of liquid flow in the pipeline. Widely used in oil, chemical, pharmaceutical, national defense, food and other industrial and commercial sectors of fuel flow detection.

### FEATURES

- Measurement range widely, accuracy highly, reach 0.5%
- Simple structure, small pressure loss and strong viscosity
- Measure high temperature and high viscosity liquid
- Easy installation, horizontal or vertical installation
- Liters, kilograms, cubic, gallons can be converted



### TECHNICAL PARAMETER

Model	GOG600-25	GOG600-40	GOG600-50
Medium	Diesel, gasoline, oil, methanol		
Connection	thread、flange		
Material	Aluminum alloy		
Diameter	1 inch	1.5 inch	2 inch
Flow range	20~120L/min	2~250L/min	30~300L/min
Unit price range	0~99.99		
Amount	0~999999.99		
Volume	0~999999.99		
Accuracy	±0.5%	±0.5%	±0.5%
Repeatability	±0.3%	±0.3%	±0.3%
MAX viscosity	1000CPS	1000CPS	1000CPS
MAX working pressure	1.8MPa	1.8MPa	1.8MPa

### OPERATING PRINCIPLE

When measured liquid flows through measuring room, in the import and export form differential pressure flowmeter, driven gear in the differential rotation, at the same time through a pair of drive gear on the gear shaft to keep the two gear continuous rotation, as the rotation of the gear liquid through measuring room constant discharge flow meter, the amount of fluid flow through each pair is four times the size of the measuring room volume, through sealed coupling, retarding mechanism, transfer after the number of revolution to slow down to the counter, counter instructed liquid instantaneous flow and cumulative flow.